

Message

From: Alex Spiliotopoulos [alexs@sspa.com]
Sent: 2/2/2022 9:59:23 PM
To: Poulos, Kelly [poulos.kelly@epa.gov]
Subject: RE: 1725 Verona Draft data request

Ex. 5 Deliberative Process (DP)

Alex Spiliotopoulos

Senior Associate, Senior Hydrogeologist, PhD
S.S. Papadopoulos & Associates, Inc.

1801 Rockville Pike, Suite 220, Rockville, MD 20852
Direct: (301) 500-2288 | Office: (301) 718-8900 | Cell: (301) 787-3506
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From: Poulos, Kelly <poulos.kelly@epa.gov>
Sent: Wednesday, February 2, 2022 4:52 PM
To: Alex Spiliotopoulos <alexs@sspa.com>
Subject: RE: 1725 Verona Draft data request

Great, thank you for the update!

From: Alex Spiliotopoulos <alexs@sspa.com>
Sent: Tuesday, February 1, 2022 4:19 PM
To: Poulos, Kelly <poulos.kelly@epa.gov>; Dominique Sorel <dsorel@sspa.com>
Cc: Wilson, David <wilson.david@epa.gov>
Subject: RE: 1725 Verona Draft data request

Hi Kelly,

Apologies for not touching base with you earlier, but the year started very feverishly with a number of concurrent deadlines to address. Nonetheless, we have proceeded with the calculations using the data we received in December, and I am expecting that this week we will have some draft calculations to review, before we finalize them and share them with you immediately after.

Ex. 5 Deliberative Process (DP)

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I will give you an update by the end of the week, and my goal is to complete the calculations and have something to share with you by next week.

Thanks,
Alex

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From: Poulos, Kelly <poulos.kelly@epa.gov>

Sent: Tuesday, February 1, 2022 4:40 PM

To: Alex Spiliotopoulos <alexs@sspa.com>; Dominique Sorel <dsorel@sspa.com>

Cc: Wilson, David <wilson.david@epa.gov>

Subject: RE: 1725 Verona Draft data request

Hi Alex,

How are the modeling efforts coming along for Verona?

Best,

Kelly Poulos

Remedial Project Manager

Superfund & Emergency Management Division

312.886.6806

poulos.kelly@epa.gov

From: Alex Spiliotopoulos <alexs@sspa.com>

Sent: Monday, December 6, 2021 9:18 AM

To: Poulos, Kelly <poulos.kelly@epa.gov>

Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>

Subject: RE: 1725 Verona Draft data request

Hi Kelly,

This is great! Thank you for seeing this through. We will download the data and I will let you know if we have any questions.

Thanks,
Alex

Alex Spiliotopoulos

Senior Associate, Senior Hydrogeologist, PhD

S.S. Papadopoulos & Associates, Inc.

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From: Poulos, Kelly <poulos.kelly@epa.gov>

Sent: Monday, December 6, 2021 10:17 AM

To: Alex Spiliotopoulos <alexs@sspa.com>

Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>

Subject: RE: 1725 Verona Draft data request

Hi Alex,

I received the requested data from the city and Progressive and added it to the shared folder in the "Data" folder. All of the Progress Reports since 2016 are in the shared folder as well. Let me know if you need anything else.

Best,

Kelly Poulos

Remedial Project Manager

Superfund & Emergency Management Division

312.886.6806

poulos.kelly@epa.gov

From: Alex Spiliotopoulos <alexs@sspa.com>

Sent: Monday, November 22, 2021 9:53 AM

To: Poulos, Kelly <poulos.kelly@epa.gov>

Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>

Subject: RE: 1725 Verona Draft data request

Hi Kelly,

Thanks for the heads up. We have started looking at the data we have received to date, and we will expand the evaluations when we receive the additional data you have requested from Progressive.

Best wishes for a Happy Thanksgiving!

Alex

Alex Spiliotopoulos

Senior Associate, Senior Hydrogeologist, PhD

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From: Poulos, Kelly <poulos.kelly@epa.gov>
Sent: Monday, November 22, 2021 10:01 AM
To: Alex Spiliotopoulos <alexs@sspa.com>
Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>
Subject: RE: 1725 Verona Draft data request

Hi Alex,

Great, I'm glad the link is working. I've requested the data from Progressive. It looks like they are out of the office this week because of Thanksgiving so I anticipate receiving the data next week.

Best,

Kelly Poulos
Remedial Project Manager
Superfund & Emergency Management Division
312.886.6806
poulos.kelly@epa.gov

From: Alex Spiliotopoulos <alexs@sspa.com>
Sent: Friday, November 19, 2021 12:07 PM
To: Poulos, Kelly <poulos.kelly@epa.gov>
Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>
Subject: RE: 1725 Verona Draft data request

Hi Kelly,

Thanks for getting back to us and for the effort to retrieve these data. Regarding your question about Attachment 3, I confirm that it provides what we need. Also, I should note that Dominique had sent me the following link to access the shared folder, and it works well for us:

https://usepa-my.sharepoint.com/personal/poulos_kelly_epa_gov/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fpoulos%5Fkelly%5Fepa%5Fgov%2FDocuments%2FVerona%20Well%20Field%2FShare%2FSSPA

Have a good weekend and Happy Thanksgiving!
Alex

Alex Spiliotopoulos
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From: Poulos, Kelly <poulos.kelly@epa.gov>
Sent: Friday, November 19, 2021 11:51 AM
To: Alex Spiliotopoulos <alexs@sspa.com>
Cc: Wilson, David <wilson.david@epa.gov>; Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>
Subject: FW: 1725 Verona Draft data request

Hi Alex,

I will request the below information from Progressive and the City. In the meantime, attached is the Q3 2021 Progress Report which was the chemistry data collected during the August 2021 sampling event. I've added these files to the ☐ shared folder as well. This folder should already be shared with Dominique and Matt, I've added you as well. I had one question about the Southern and Northern blocking well info before I request it from Progressive – see notes in your email. Let me know if the data in Attachment 3 of the quarterly progress reports is what you are looking for. If it is I will request the compiled data from Progressive.

Best,

Kelly Poulos
Remedial Project Manager
Superfund & Emergency Management Division
312.886.6806
poulos.kelly@epa.gov

From: Alex Spiliotopoulos <alexs@sspa.com>
Sent: Thursday, November 18, 2021 3:23 PM
To: Poulos, Kelly <poulos.kelly@epa.gov>; Wilson, David <wilson.david@epa.gov>
Cc: Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>
Subject: 1725 Verona Draft data request

Kelly and Dave,

Following up on our call this morning regarding our assistance in the preparation of the 5YR review report (draft due to the State by May 1st 2022), we discussed performing calculations of:

- Annual hydraulic-capture and summary capture-frequency
- Concentration trends
- Contaminant plume distribution and Composite Target Zones, based on UCLs for the last 5 years and the most recent data available

To perform these calculations, we would like to request the following data:

- Chemistry data collected after the 8/2020 monitoring event (most recent historical dataset available in attached file "Verona Cumulative WQ Data_through 2020 Highlighted") – I will request the excel file from Progressive. In the meantime, the attached Q3 Progress Report has PDF pages of the data.
- Water level data collected after August 2016 (annual WL data collected up to 2016 available in attached file "1725_Verona_WL data") – I will request a compiled excel file from Progressive (if it exists). I added the

quarterly progress reports that I have received since becoming the project manager for the site. I will ask Progressive for the reports I do not have. All progress reports that I do have are in the shared folder.

- Southern and Northern blocking well pumping rate information at least a month prior to available WL data since 2016 in spreadsheet format; we would like to obtain all available totalizer readings and average used by Progressive in the maps presented in the annual reports – See Attachment 3 of the Quarterly progress reports. Is this what you are looking for? If it is, I can see if Progressive has it in spreadsheet format.
- Information to calculate pumping rates for each active City well at least a month prior to available WL data since 2016 (see attached Excel file "Verona wells City pumping rates_2016" that refers to City of Battle Creek Monthly reports of Water Plant Operation and readings and average as used by Progressive in the maps presented in the annual reports); *however, we would like to obtain, if possible, pumped water volumes per well per month, so we can calculate true monthly average pumping rates, or at least the rates for the month when WL data were collected* – Reached out to the City to see if they have this data.
- Any available updates on the well construction table (see attached file "1725_Verona_WellConstruction") – See attached well construction summary as of July 2021.

Please let us know if you need any additional information or clarification on the above.

Thank you,
Alex

Alex Spiliotopoulos

Senior Associate, Senior Hydrogeologist, PhD

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From: Dominique Sorel <dsorel@sspa.com>

Sent: Thursday, November 18, 2021 1:56 PM

To: Alex Spiliotopoulos <alexs@sspa.com>

Subject: 1725 Verona Draft data request

Alex,

Do you have any suggestions/ modifications for this draft? Feel free to share with Kelly and Dave and cc me when ready!

D.

Kelly and Dave,

Following up on the call we had to assist EPA in the preparation of the 5YR review report (Draft due to the State on May 1st), we would like to request the following data to perform a hydraulic capture analysis (annual capture and summary capture frequency map) for the last 5 years of data, and also to update trend analyses and the contaminant plume maps (Target Zones - a summary based on UCLs from the last 5 years and most recent data available):

- Chemistry data collected after the 8/2020 monitoring event (the file attached "*Verona Cumulative WQ Data through 2020 Highlighted*" is the most recent we have)
- Water level data and pumping data collected after August 2016 (we have annual WL data collected up to 2016 in our database, see file "*1725_Verona_WL data*")
- Southern and Northern blocking well pumping rate information at least a month prior to available WL data since 2016 in an Excel file (all available totalizer readings and average used by Progressive in the maps presented in the annual reports)
- Information to calculate pumping rates for each active City well at least a month prior to available WL data since 2016 (see attached Excel file "*Verona wells City pumping rates_2016*" that refers to City of Battle Creek Monthly reports of Water Plant Operation and readings and average as used by Progressive in the maps presented in the annual reports)

Any updates on the well construction table would also be appreciated (see attached file "*1725_Verona_WellConstruction*")

Dominique Sorel

S.S. Papadopoulos & Associates, Inc.

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Montréal, Quebec H2Y 1N3
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